

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/31728

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H04L 9/00

US CL : 713 156

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 713/156-158

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 20030115457 A1 (WILDISH et al.) 19 June 2003(19.06.2003). Abstract, Figure1-5 and associated text, page 1, paragraph 0012, page 3, claims 1-17.	1-16
Y	US 20020099668 A1 (PERLMAN) 25 July 2002 (25.07.2002). Abstract, Figure 4 and associated text, Fig. 6.	1-16
A	US 5,432,852 A (LEIGHTON et al.) 11 July 1995 (11.07.1995). the entire document.	1-16
Y	US 6,601,171 B1 (CARTER et al.) 29 July 2003(29.07.2002). the entire document	1-16



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claims) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

17 September 2005 (17.09.2005)

Date of mailing of the international search report

21 OCT 2005

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Continuation of B. FIELDS SEARCHED Item 3:

Used West in class 713.156-158. Search terms: (distinguish adj name) near10 (trusted adj path or path) same certifying adj authoritS6
and CRL